

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please replace the Title of the Invention with the following replacement title:

ULTRASONOGRAPHULTRASONIC DIAGNOSTIC APPARATUS FOR
CONTROLLING THE SURFACE TEMPERATURE OF A PROBE

Please replace the paragraph that begins at page 8, line 7, with the following replacement paragraph:

In addition, in a three-dimensional device which rotates sonic element 2, such as this embodiment shown in the Figures, oil 6 is agitated and there is little difference between the temperatures of window 5 and oil 6, and therefore, by measuring

$$\text{sound velocity of oil 6} = (\text{thickness of oil 6} \times 2) / t_1,$$

the surface temperature of window~~idew~~ 5 can be detected indirectly.